

Fig. 1 (prior art)

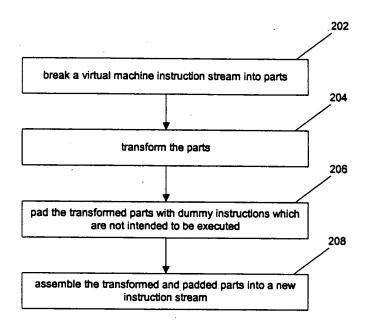


Fig. 2 (prior art)

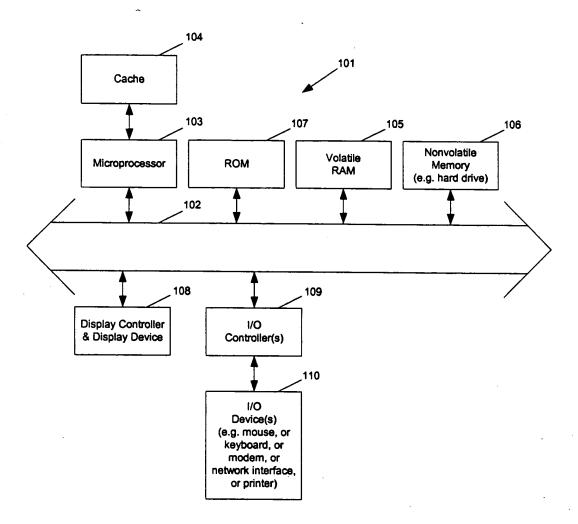


Fig. 3

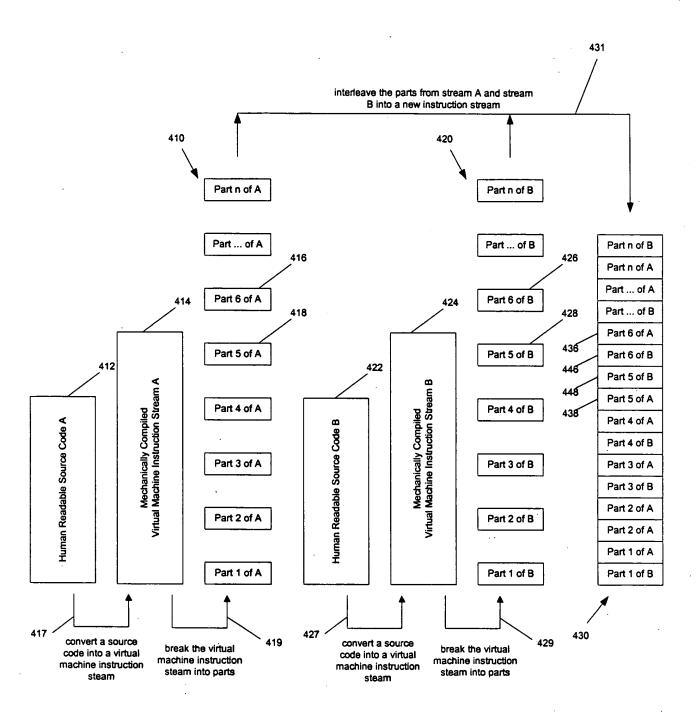


Fig. 4

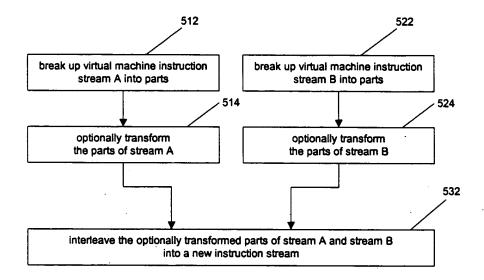


Fig. 5

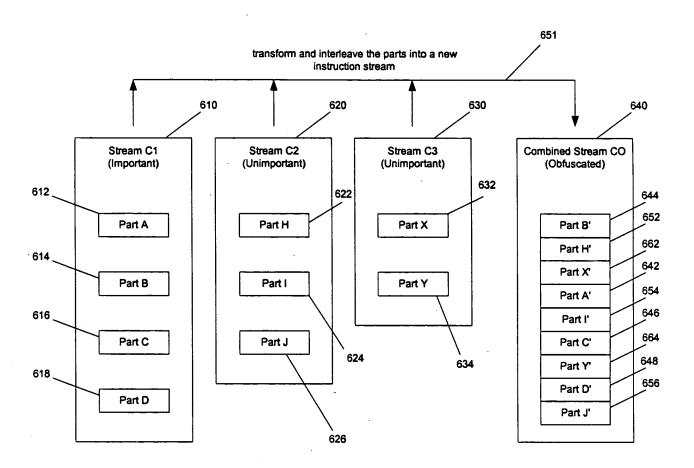


Fig. 6

```
710
                                                                       720
public void method1()
                                         public void method2()
   // byte byte0 = 2;
                                            // byte byte0 = 3;
iconst_2
                        // A01
                                         iconst_3
                                                                  // B01
istore_1
                        // A02
                                         istore_1
                                                                  // B02
  // byte byte1 = 10;
                                            // byte byte1 = 9;
bipush 10
                        // A03
                                         bipush 9
                                                                  // B03
istore 2
                        // A04
                                         istore_2
                                                                  // B04
   // int i = byte0 * byte1;
                                            // int i = byte0 + byte1;
iload_1
                        // A05
                                                                  // B05
                                         iload 1
iload_2
                        // A06
                                         iload_2
                                                                  // B06
imul
                        // A07
                                         iadd
                                                                  // B07
istore_3
                        // A08
                                         istore_3
                                                                  // B08
  // return i;
                                            // return i;
iload_3
                        // A09
                                         iload 3
                                                                  // B09
ireturn
                        // A10
                                         ireturn
                                                                  // B10
                                                     730
                     public void method1()
                     iconst 2
                                              // A01
                     istore_1
                                              // A02
                     iconst 3
                                              // B01
                     istore_2
                                              // B02
                     bipush 10
                                              // A03
                     istore 3
                                              // A04
                     bipush 9
                                              // B03
                     istore 4
                                              // B04
                     iload_1
                                              // A05
                     iload_3
                                              // A06
                     imul
                                              // A07
                     istore_3
                                              // A08
                     iload 2
                                              // B05
                     iload_4
                                              // B06
                     iadd
                                              // B07
                     istore 4
                                              // B08
                     iload_3
                                              // A09
                     ireturn
                                              // A10
```

Fig. 7

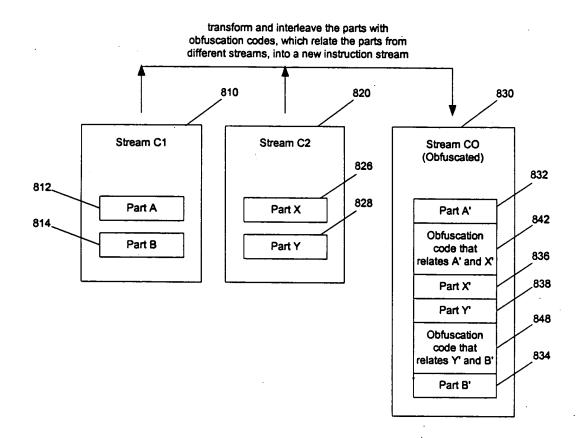


Fig. 8

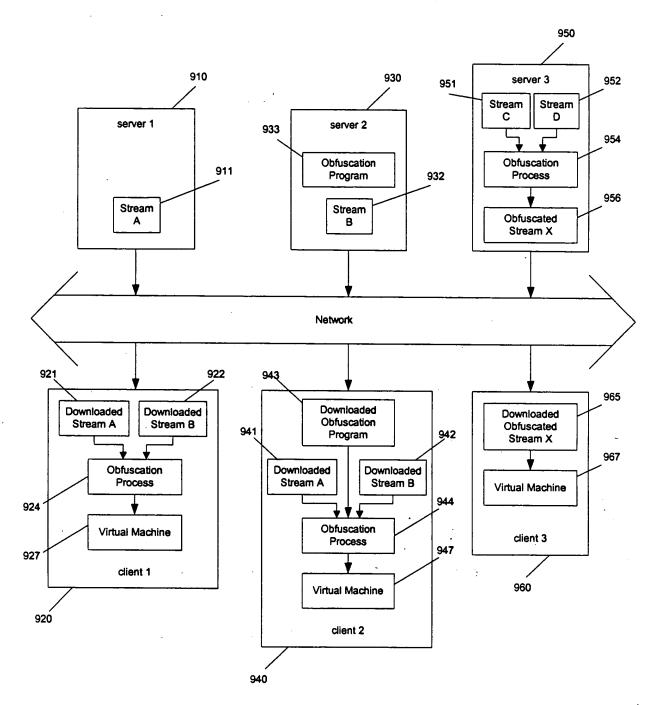


Fig. 9

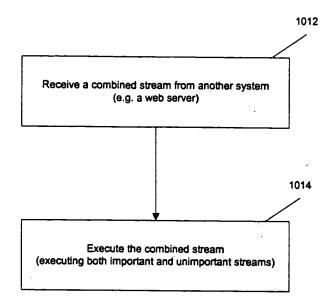


Fig. 10

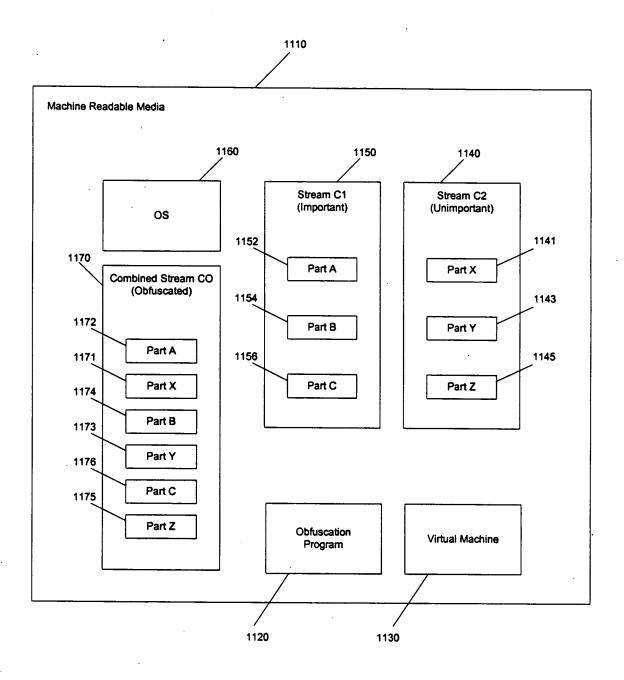


Fig. 11